

## Structure of products arising from reaction of trialkylphosphites with some azocarbonyl compounds

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### Abstract

1. Triphenylphosphite reacts with phenylbenzoyldiimide and the dimethyl ester of azodicarboxylic acid to form 2,2,2-triphenoxy-3,5-diphenyl-1oxa-2-phospha-3,4-diazacyclopentene-4 and 2,2,2-triphenoxy-3-carbomethoxy-5-methoxy-1-oxa--phospha-3,4-diazacyclopentene-4 respectively. 2. The structure of the phosphoranes obtained was determined by NMR and IR spectra, using the isotope P31. © 1967 Consultants Bureau.

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